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	DATA M	ATRIX			
Date January 21, 2014 Applicant's/Registrant's Name & Address Tide International USA, Inc. 21 Hubble Irvine, CA 92618		EPA Reg. No /File Symbol 84229-		Page / of 3	
			Product Tide USA Hexazinone 2SL		
Ingredient Hexazinone (CAS No. 5	·				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Req	uirements				
830.1550	Product Identity and Composition	Volume 1	Tide International USA, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product	Volume 1	Tide International USA, Inc.	OWN	
830.1620	Description of Production Process				Not required ¹
830.1650	Description of Formulation Process	Volume 1	Tide International USA, Inc.	OWN	
830.1670	Discussion of Formation of Impurities	Volume 1	Tide International USA, Inc.	OWN	
830.1700	Preliminary Analysis				Not Required ²
830.1750	Certified Limits	Volume 1	Tide International USA, Inc.	OWN	
830.1800	Enforcement Analytical Method	Volume 1	Tide International USA, Inc.	OWN	
830.6302	Color	Volume 2	Tide International USA, Inc.	OWN	
830.6303	Physical State	Volume 2	Tide International USA, Inc.	OWN	
830.6304	Odor	Volume 2	Tide International USA, Inc.	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not Required ³
830.6314	Oxidation/Reduction: Chemical Incompatibility	Volume 2	Tide International USA, Inc.	OWN	
830.6315	Flammability	Volume 2	Tide International USA, Inc.	OWN	
Signature			Name and Title		Date
am m. Jellen			Ann M. Tillman, Consultant		Jan. 21, 2014

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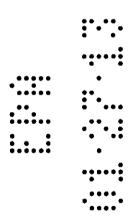
	DATA N	IATRIX			
Date January 21, 2014			EPA Reg. No./File Symbol 84229-		Page 2 of 3
Applicant's/Registrant's Name & Address Tide International USA, Inc. 21 Hubble Irvine, CA 92618			Product Tide USA Hexazinone 2SL		
Ingredient Hexazinone (CAS No.	51235-04-2)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6316	Explodability	Volume 3	Tide International USA, Inc.	OWN	Waiver ⁴
830.6317	Storage Stability				PR-92-5 ⁵
830.6319	Miscibility	Volume 3	Tide International USA, Inc.	OWN	Waiver ⁶
830.6320	Corrosion Characteristics				PR-92-5 ⁵
830.6321	Dielectric Breakdown Voltage	Volume 3	Tide International USA, Inc.	OWN	Waiver ⁷
830.7000	pH	Volume 2	Tide International USA, Inc.	OWN	
830.7050	UV/Visible Absorption				Not Required ⁸
830.7100	Viscosity	Volume 2	Tide International USA, Inc.	OWN	
830.7200	Melting Point/Melting Range				Not Required ⁶
830.7220	Boiling Point/Boiling Range				Not Required
830.7300	Density/Relative Density/Bulk Density	Volume 2	Tide International USA, Inc.	OWN	
830.7370	Dissociation Constants in Water				Not Required ⁶
830.7520	Particle size, fiber length, diameter distribution	Volume 3	Tide International USA, Inc.	OWN	Waiver ⁹
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not Required ⁶
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
Signature			Name and Title		Date
ann m. Jellen			Ann M. Tillman, Consultant		Jan. 21, 2014

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	DATA I	MATRIX			
Date January 21, 2014			EPA Reg. No./File Symbol 84229-		Page3of3
Applicant's/Registrant's Name & Address Tide International USA, Inc. 21 Hubble Irvine, CA 92618			Product		
			Tide USA Hexazinone 2SL		
Ingredient Hexazinone (CAS No.	51235-04-2)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not Required ⁸
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure				Not Required ⁸
870.1100	Acute Oral Toxicity: Rat	Volume 4	Tide International USA, Inc.	OWN	
870.1200	Acute Dermal Toxicity: Rat	Volume 5	Tide International USA, Inc.	OWN	
870.1300	Acute Inhalation Toxicity: Rat	Volume 6	Tide International USA, Inc.	OWN	
870.2400	Primary Eye Irritation: Rabbit	Volume 7	Tide International USA, Inc.	OWN	
870.2500	Primary Dermal Irritation	Volume 8	Tide International USA, Inc.	OWN	
870.2600	Dermal Sensitization	Volume 9	Tide International USA, Inc.	OWN	
Generic Data Requiremen	its				
Tide USA Hexazinone 2SL generic data requirements.	qualifies for Formulator's Exemption for hexazinone				
Signature			Name and Title		Date
an m. Tille			Ann M. Tillman, Consultant		Jan. 21, 2014

Endnotes for Data Matrix for Tide USA Hexazinone 2SL

⁹ 830.7520 – These data are not required for Tide USA Hexazinone 2SL because the product is not water insoluble and is not a fibrous material.



¹ **830.1620** - These data are not required for the registration of an end-use product. See 830.1650 for formulation process information.

² 830.1700 – This product does not consist solely of the technical grade active ingredient (TGAI) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.

³ 830.6313 – These data are not required for registration of an end-use product.

^{4 830.6316 –} Neither the active ingredient nor inert ingredients in Tide USA Hexazinone 2SL contains the chemical bonds or functional groups associated with chemicals that are explosive. Therefore, a waiver from this data requirement is requested.

⁵ 830.6317, 830.6320 – Tide International USA Inc. is currently conducting storage stability and corrosion characteristics studies to satisfy guidelines 830.6317 and 830.6320. Per PR Notice 92-5, storage stability and corrosion characteristic data are not required to be submitted unless specifically requested by the Agency. However, Tide will submit these data upon completion.

⁶ 830.6319 – Tide USA Hexazinone 2SL is not an emulsifiable concentrate to be diluted with any solvent including petroleum solvents; therefore, miscibility data are not applicable.

⁷ 830.6321 – This product is not proposed for use around electrical equipment. Therefore, these data are not applicable.

⁸ **830.7050, 830.7200, 830.7220, 830.7370, 830.7550-7570, 830.7840-7860, 830.7950** – These data are not required for registration of an end-use product.

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		Product Tide USA Hexazinone 2SL			
ngredient Hexazinone (CAS No. :	51235-04-2)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
					Not required ¹
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
					Not Required
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
					Not Required
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
Signature			Name and Title		Date
an m. Jellen			Ann M. Tillman, Consultant		Jan. 21, 2014

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Date January 21, 2014		EPA Reg. No./File Symbol 84229-		Page 2of 3	
Applicant's/Registrant's Name & Addr			Product		
Tide International USA, Inc.			Tide USA Hexazinone 2SL		
21 Hubble Irvine, CA 92618					
Ingredient Hexazinone (CAS No. 5	<u></u>		_l		· · ·
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Tide International USA, Inc.	OWN	Waiver ⁴
			riae memateria. Cort, me.		PR-92-5 ⁵
			Tide International USA, Inc.	OWN	Waiver ⁶
			ride international OSA, inc.	OVVIN	
					PR-92-5 ⁵
			Tide International USA, Inc.	OWN	Waiver ⁷
			Tide International USA, Inc.	OWN	
					Not Require
223.			Tide International USA, Inc.	OWN	
					Not Require
					Not Require
			Tide International USA, Inc.	OWN	Troc Acquire
			ride international OSA, inc.	OVVIN	Not Doggin
				01404	Not Require
			Tide International USA, Inc.	OWN	Waiver ⁹
					Not Require
					
					See 830.75
Signature			Name and Title		Date
an malle			Ann M. Tillman, Consultant		Jan. 21, 201

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			Product Tide USA Hexazinone 2SL		
Ingredient Hexazinone (CAS No.	51235-04-2)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					See 830.7550
					Not Required ⁸
					See 830.7840
					Not Required ⁸
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
			Tide International USA, Inc.	OWN	
Signature			Name and Title	<u> </u>	Date
am M. Teller			Ann M. Tillman, Consultant		Jan. 21, 2014